East Baton Rouge-Geographic Information System
GIS

History of Project

- EBR City/Parish and Corps
  - Partnering since 1995 on GIS
  - 1995 – agreement to produce aerial photography
    - Cost shared 50/50; total cost $660,000
  - 1996 – agreement to develop an implementation plan for GIS
    - Recommended a $4 Million System
    - Comprehensive GIS
      - Based largely on data from Public Works, Planning Commission, Tax Assessor

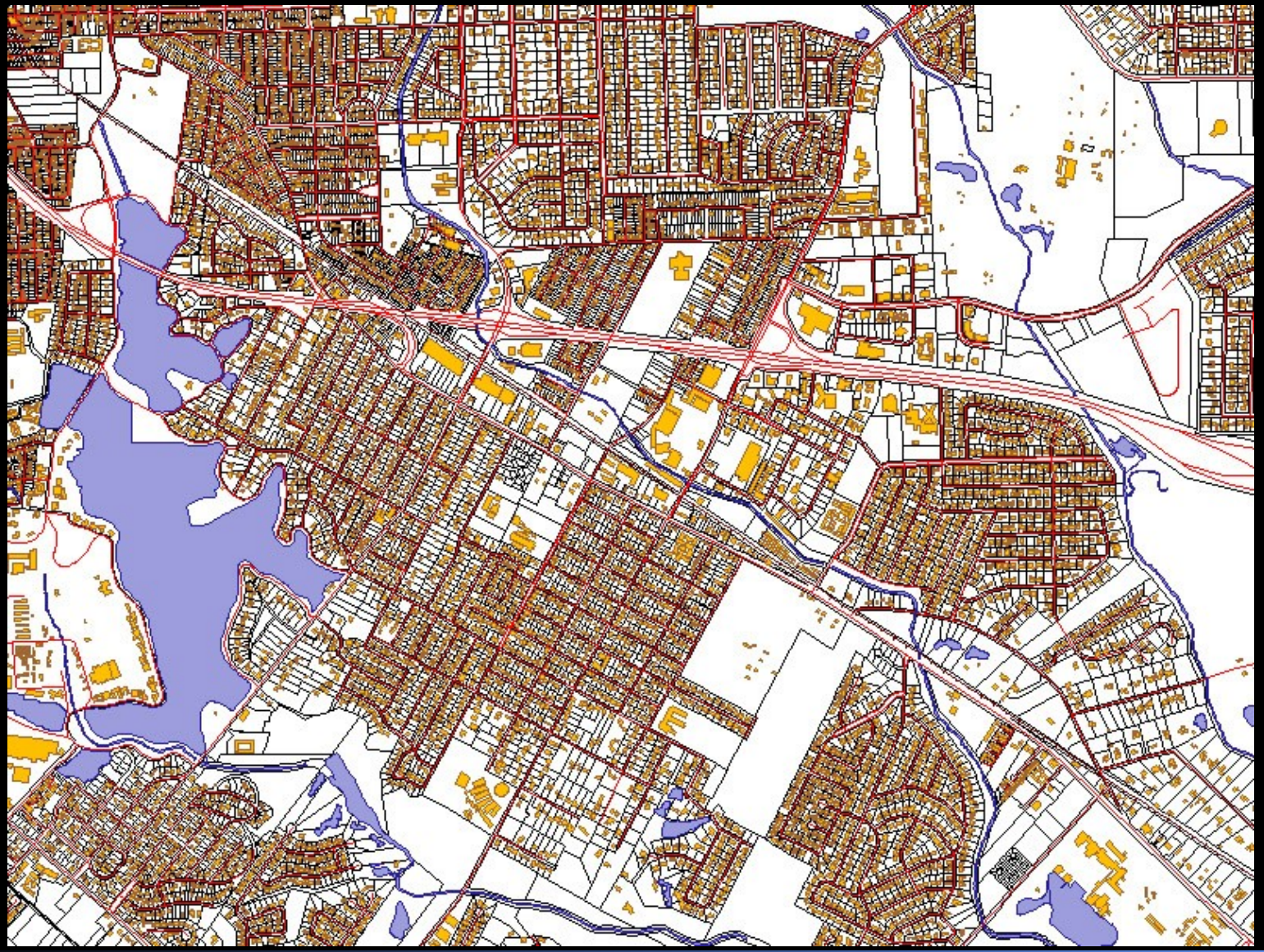
History of Project

- 2000 EBR provided $985,000 to begin the development of the GIS
- EBR requested congressional assistance
  - FY 2002 - $819,000
  - FY 2003 - $680,000
  - FY 2004 - $325,000
  - FY 2005 - $776,000
- Provided assistance
  - EBR Public Works and City Planning Commission
  - Fire Department Staff
  - IS, Sheriff’s Department, et al

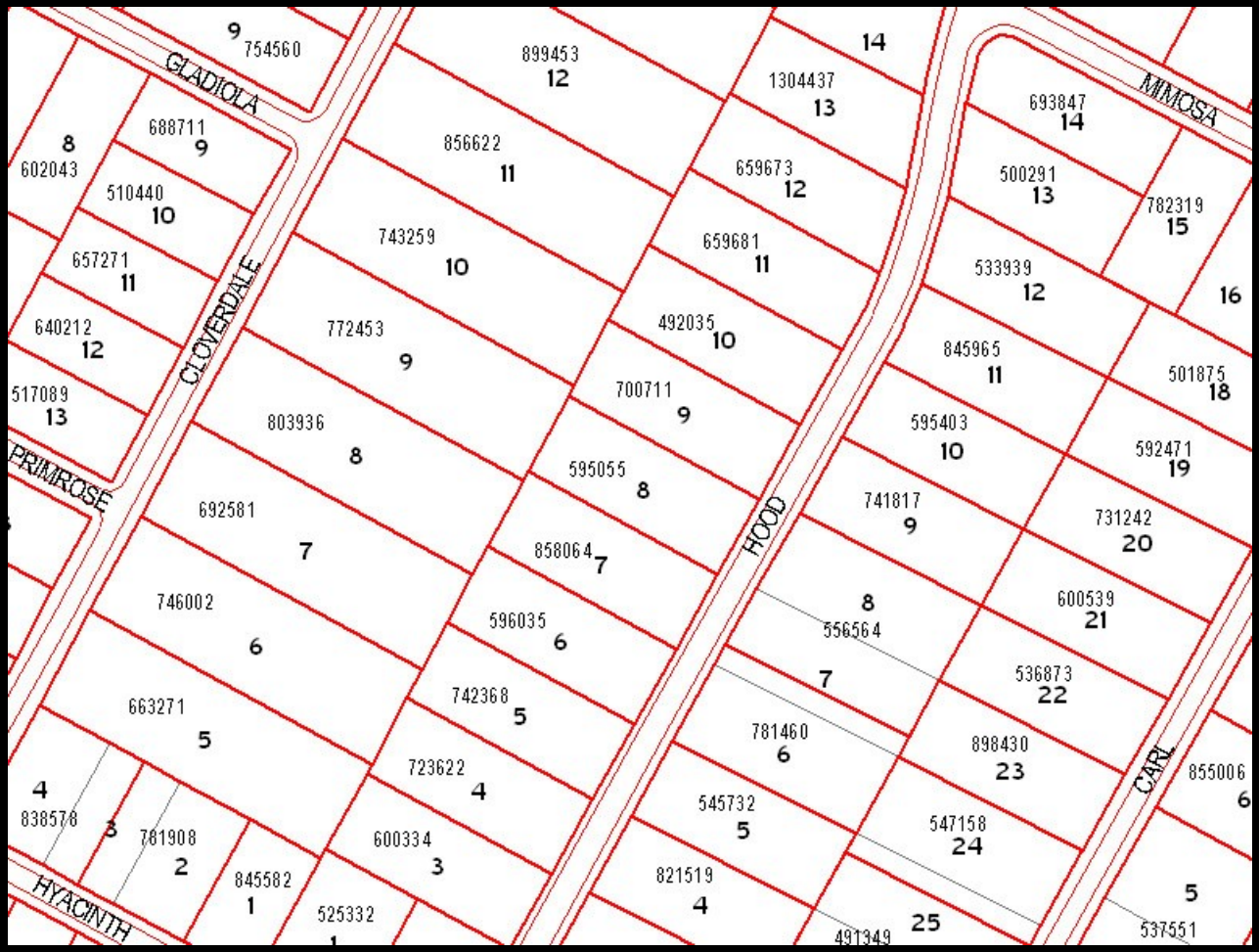
Agenda

- Vector Layers
  - Lots
  - Parcels
  - Street Edges
  - Building Footprints
  - Street Centerlines
  - Railroads
  - Hydrology
  - Boundaries
  - Sewer Manholes/Lines
  - Drainage
- GPS Update
- QA/QC Status
- Current Aerial Photography
- Final Deliverables

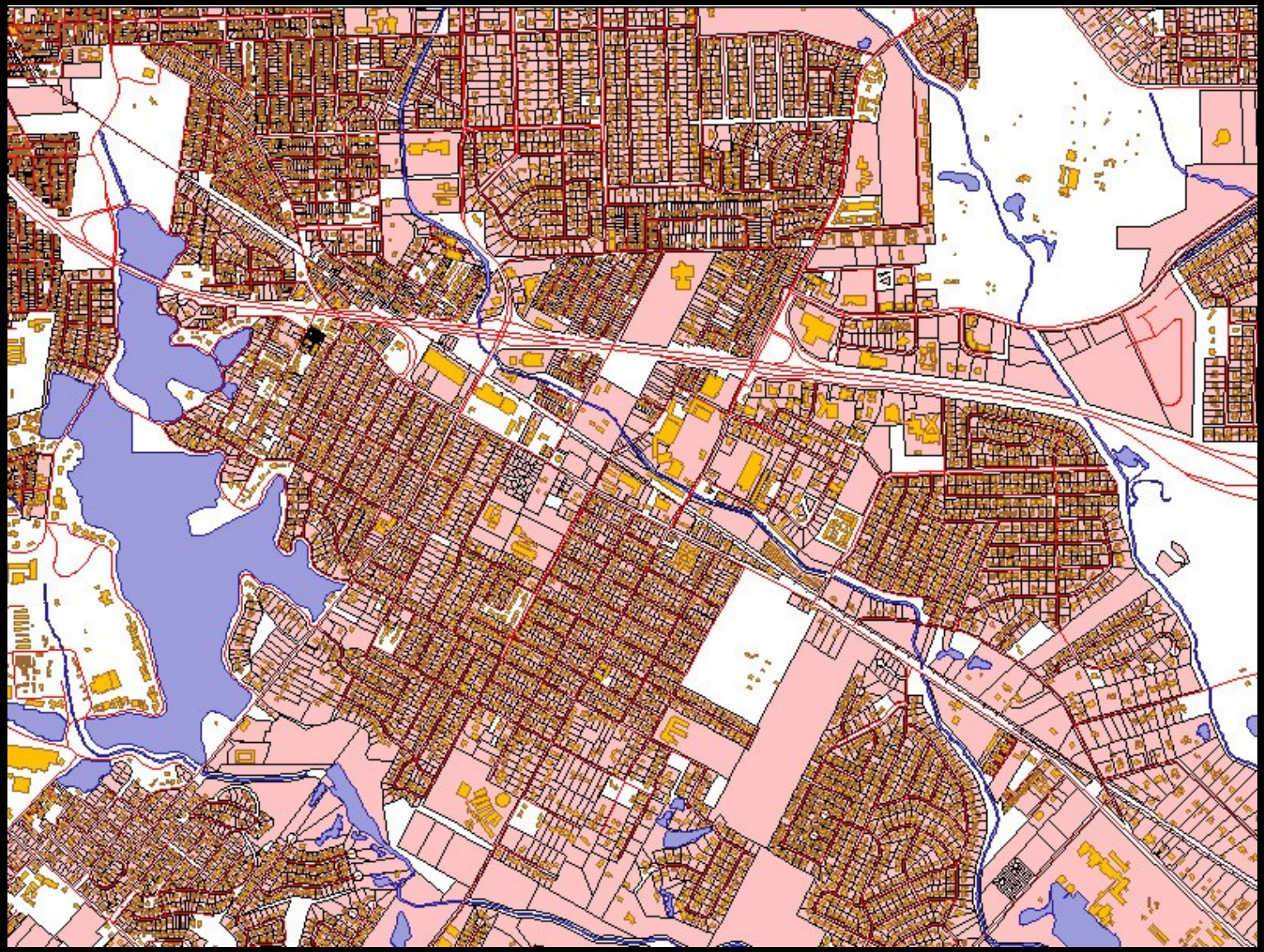
Lots Layer



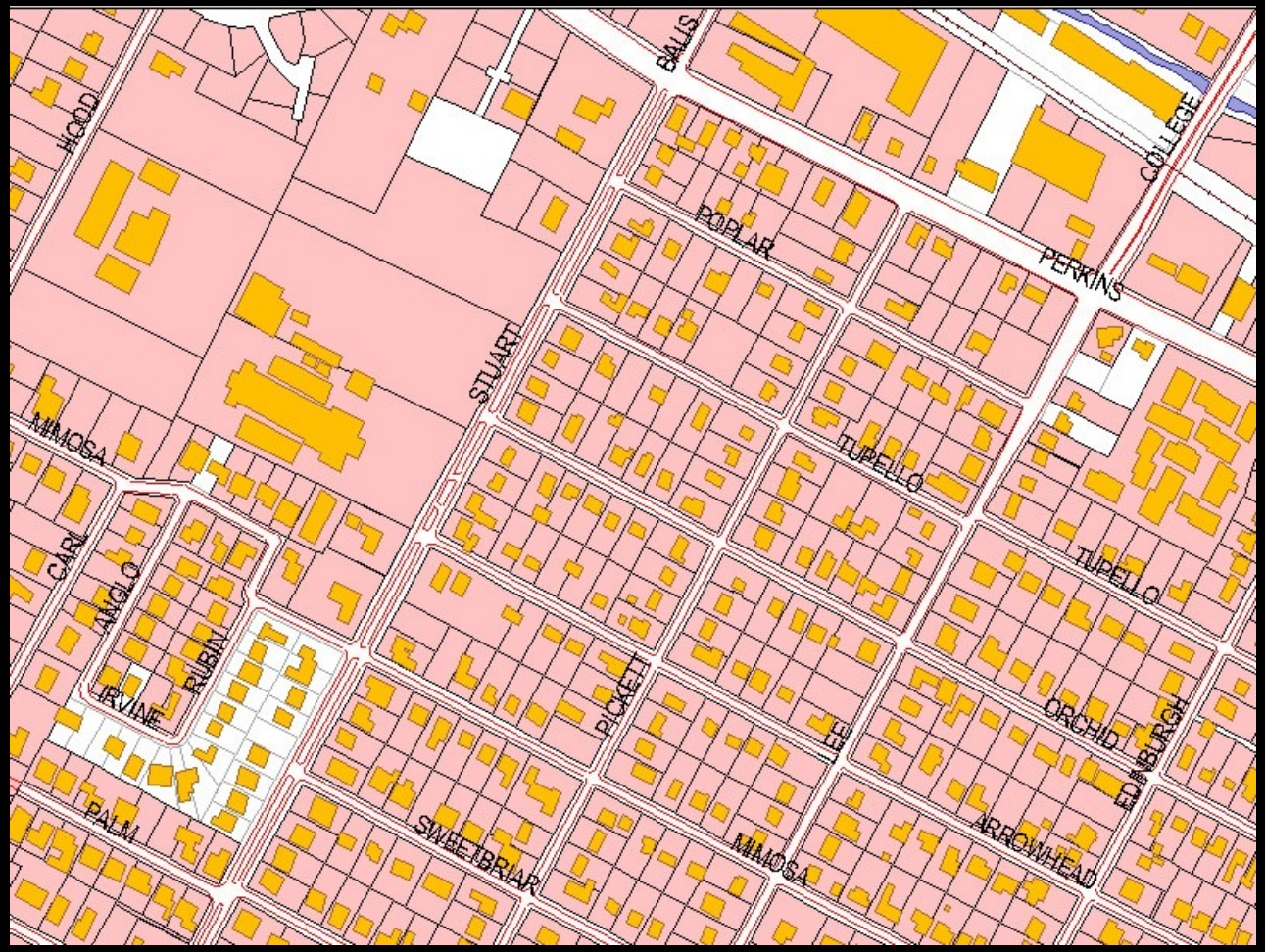
Lot Notation



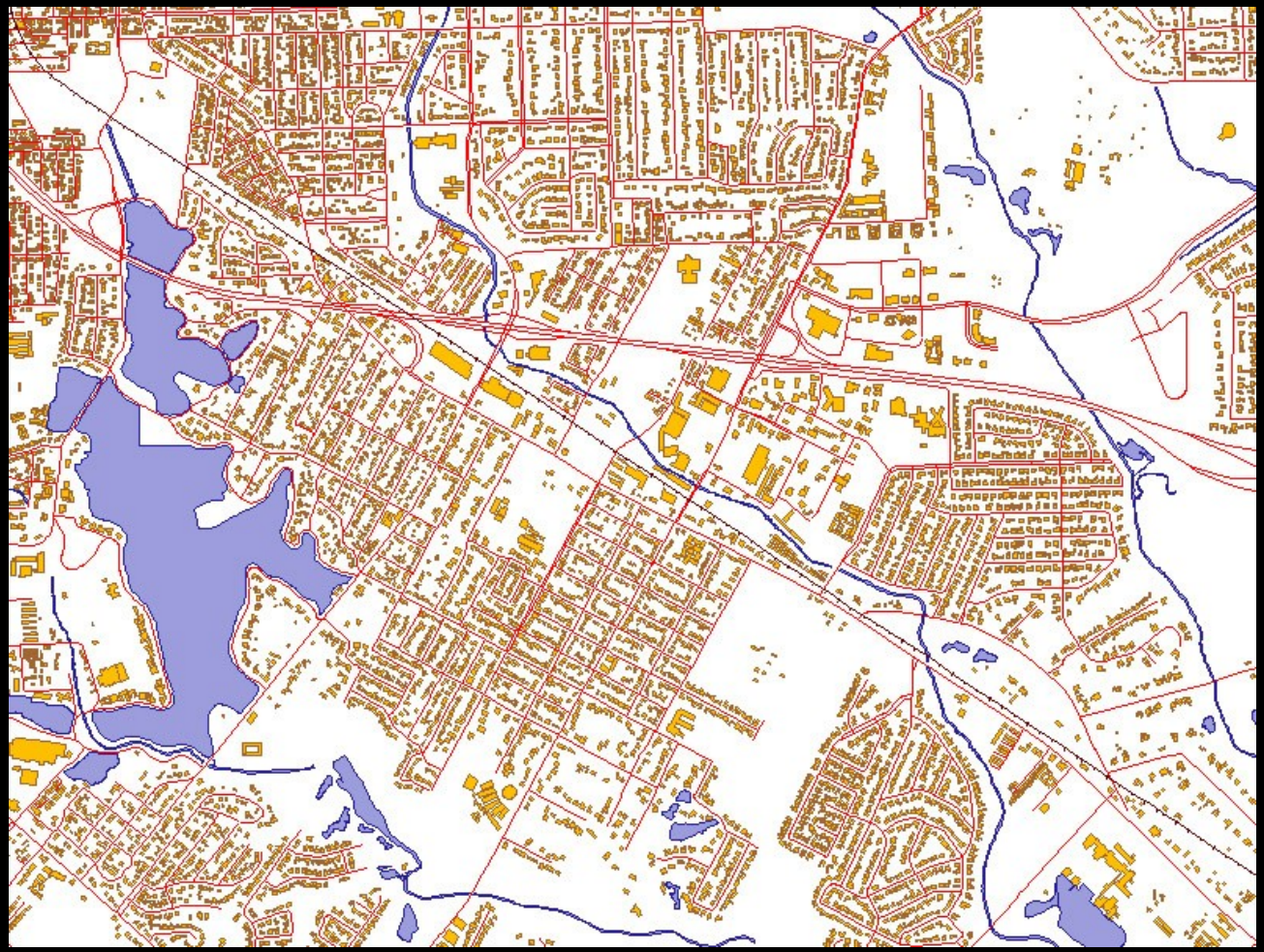
Parcel Layer



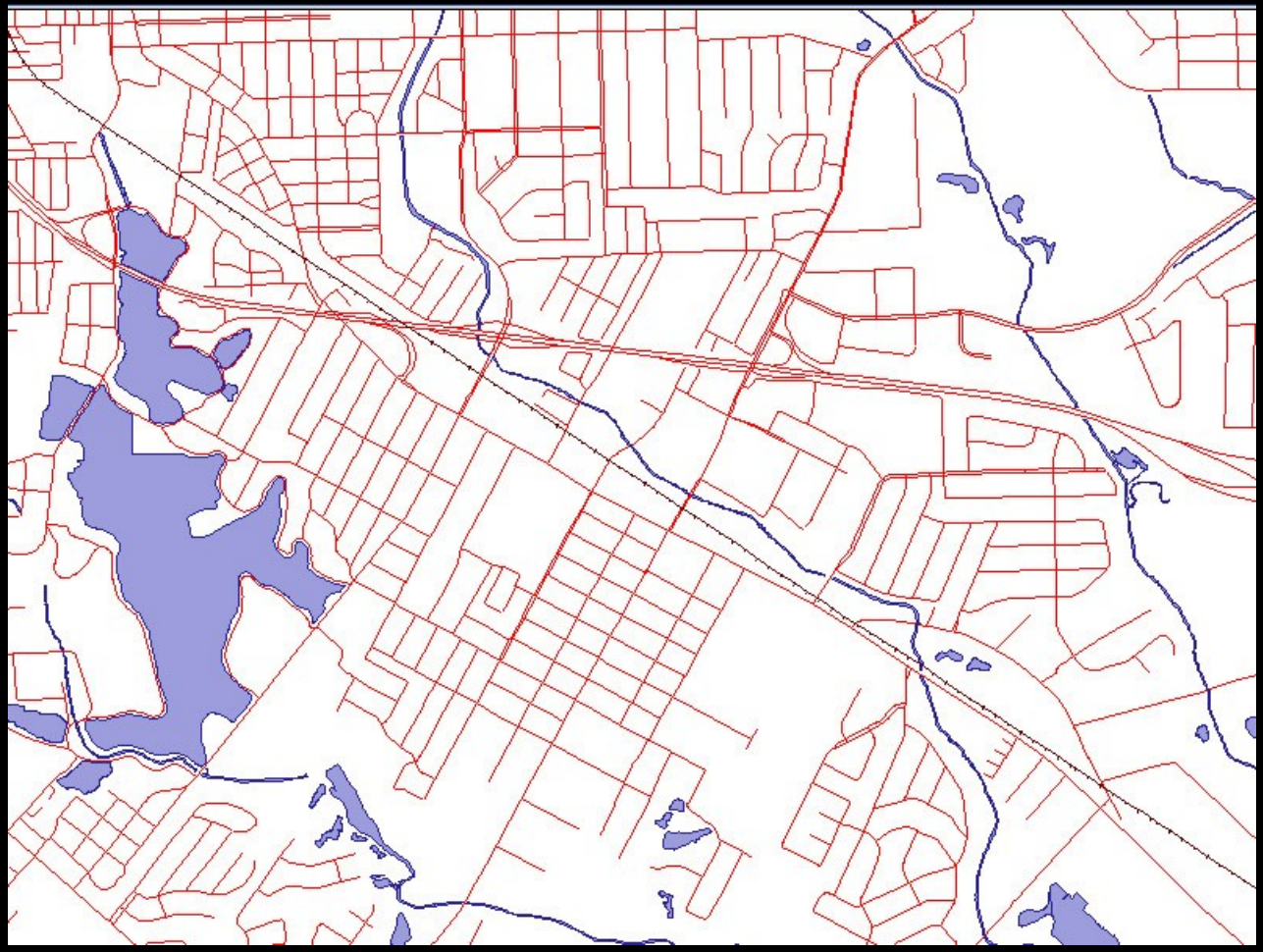
Street Edge Layer



Buildings Layer



Hydrology & Railroad

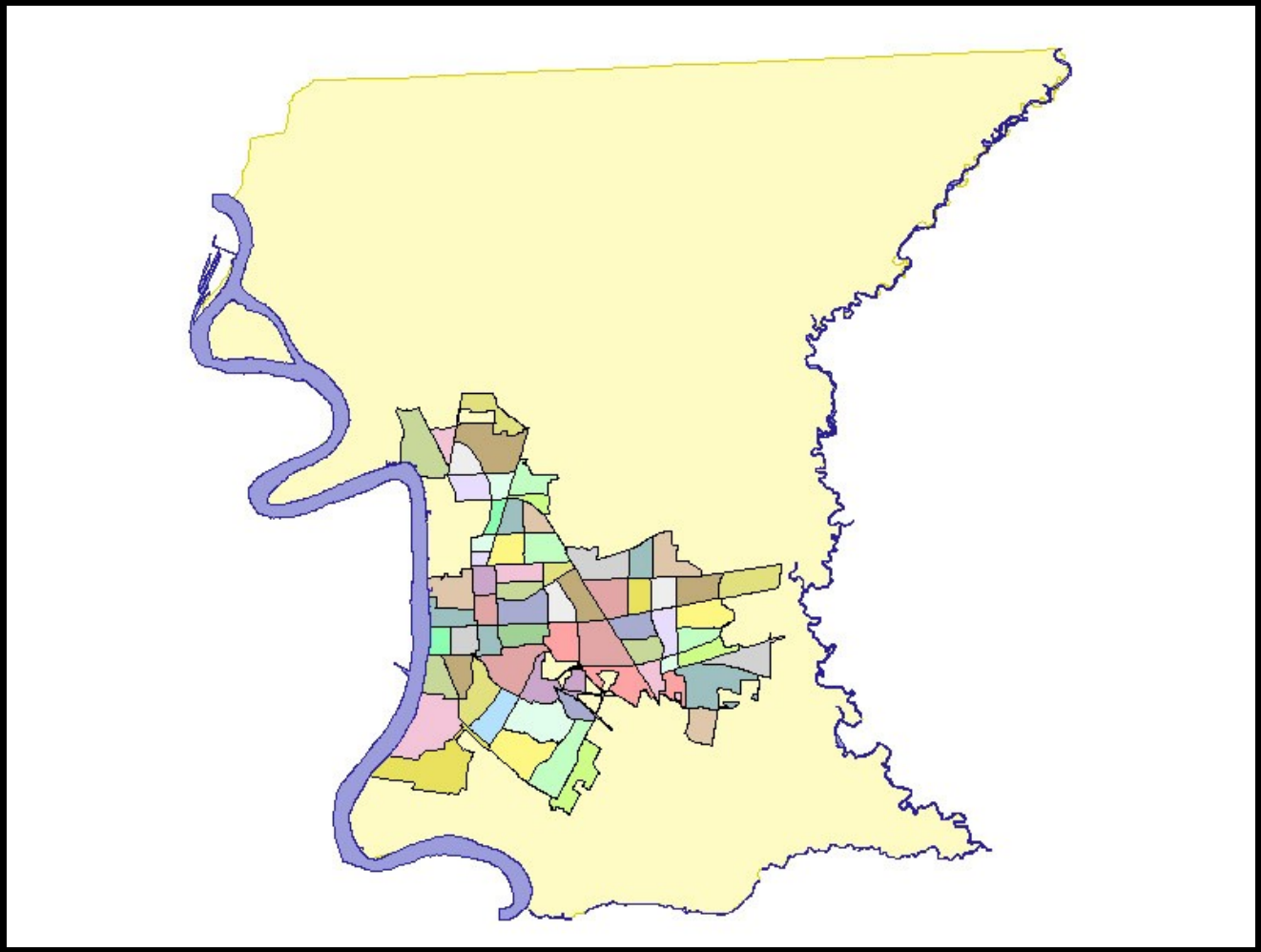


FEMA Flood Zones

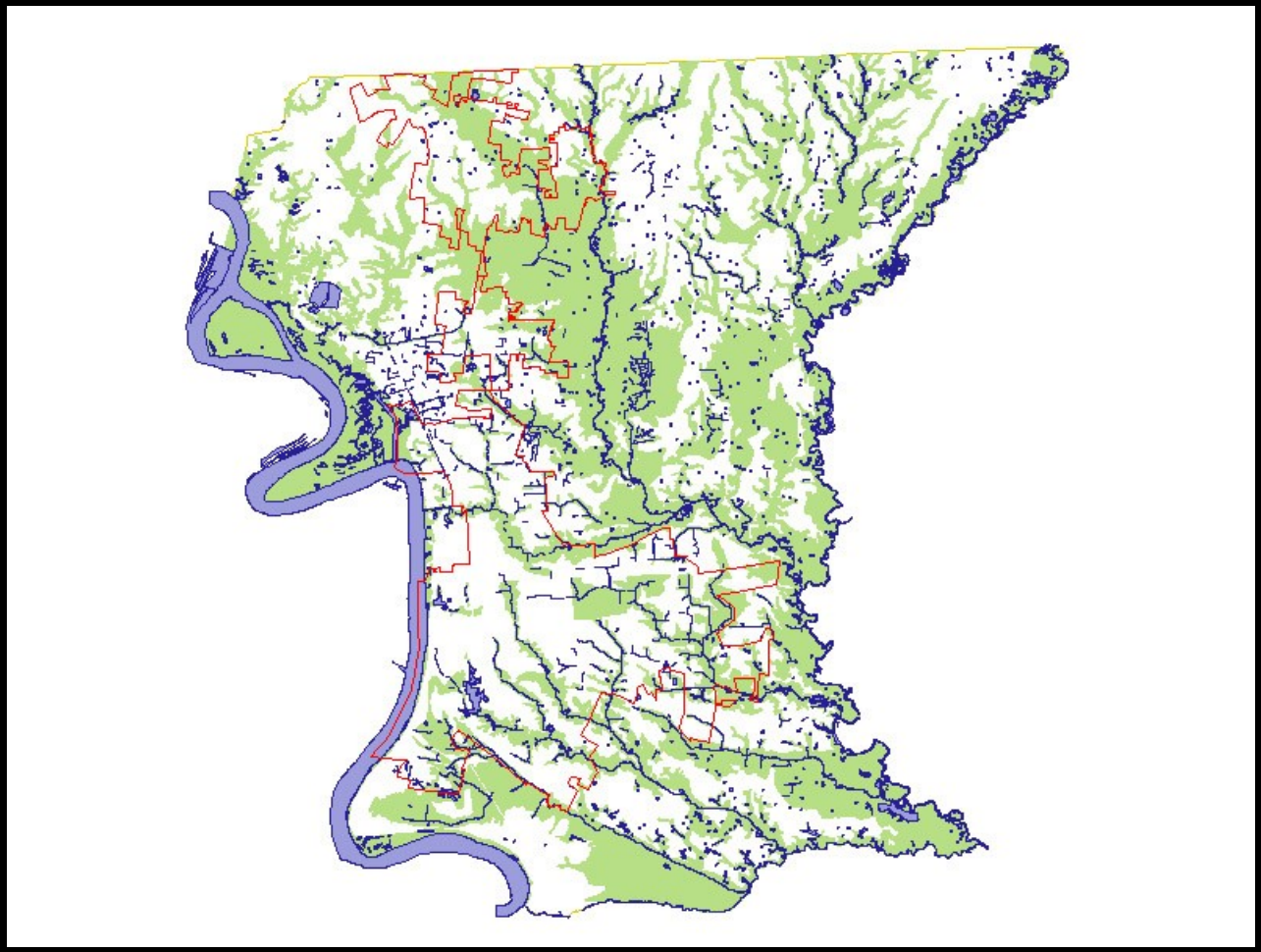
Street Centerlines

- Layers produced by Corps
- Completed in 2003 & is based on the planimetric street edges
- Layers require significant editing since new photography has been produced (parish to update)
- 100% complete (pending QA/QC review)

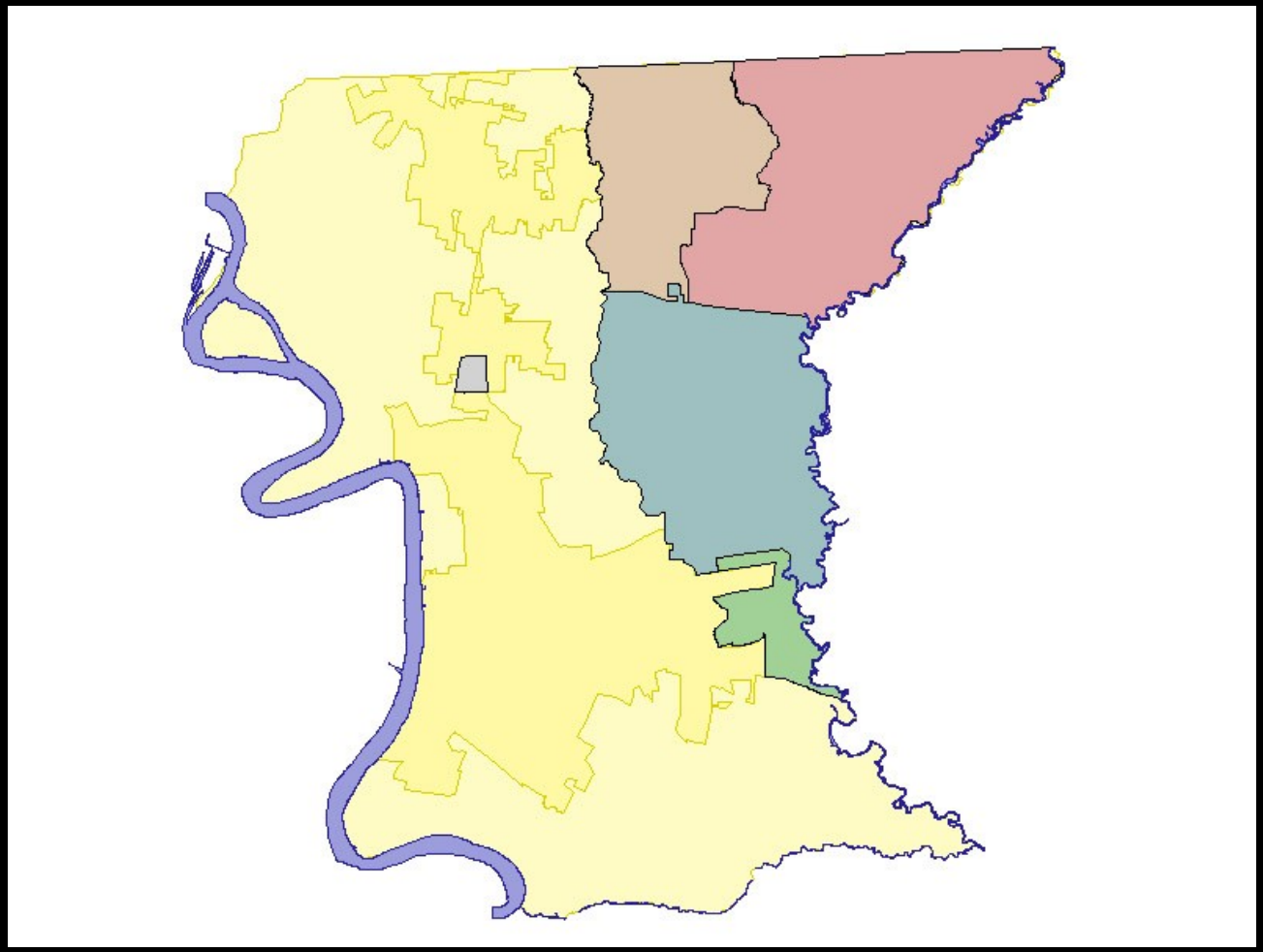
City/Police Districts



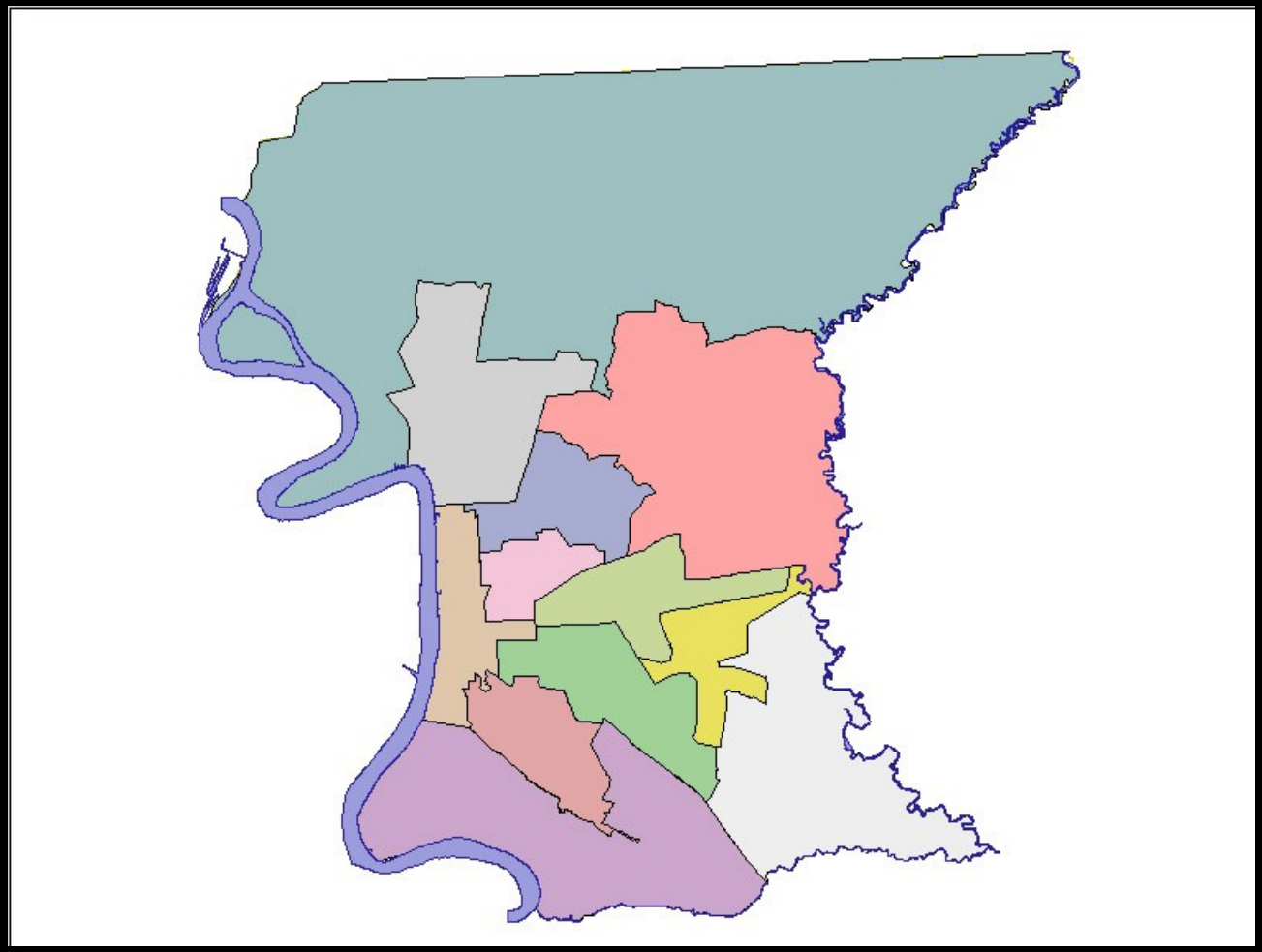
FEMA Flood Zones



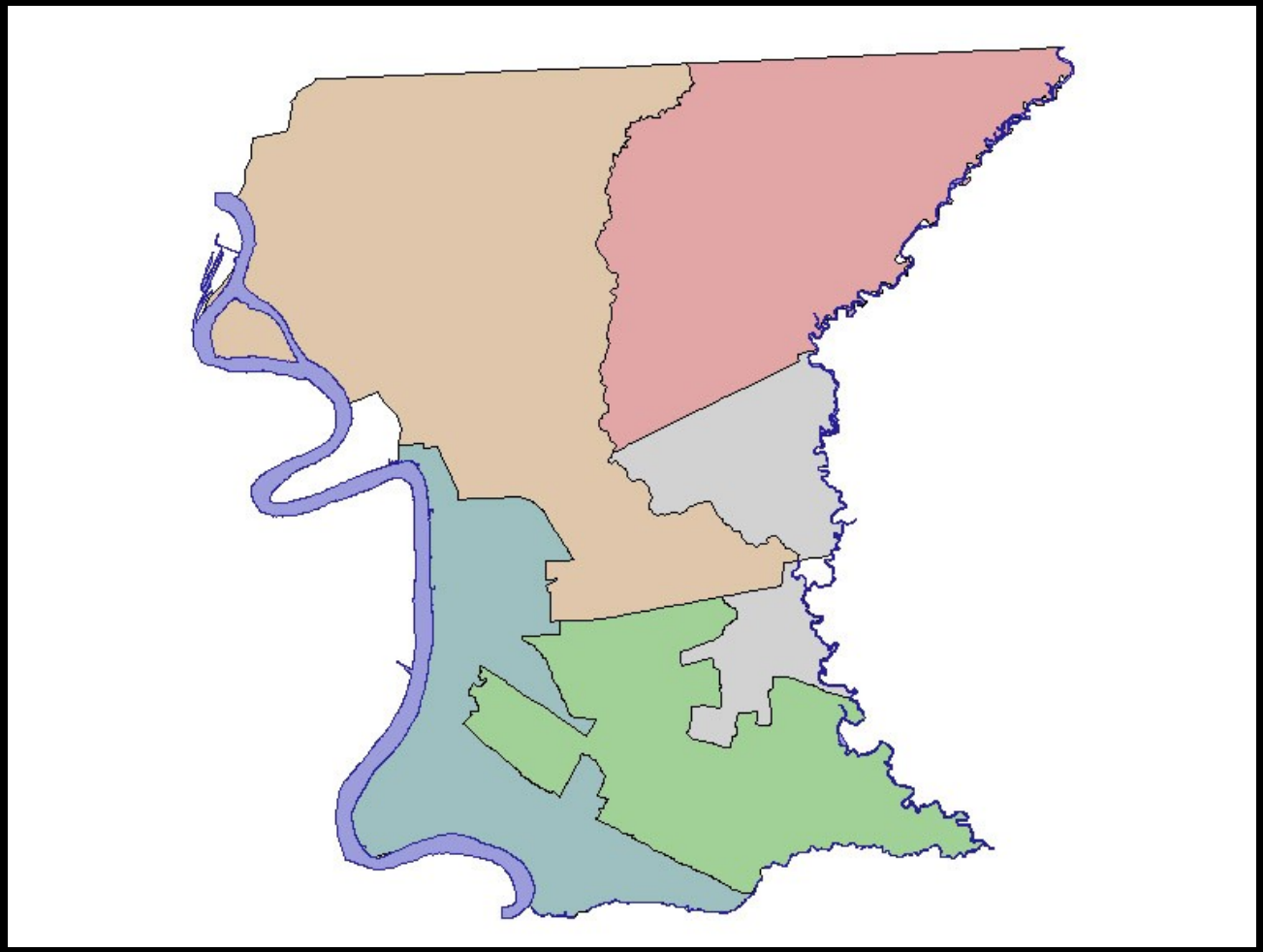
Fire Districts



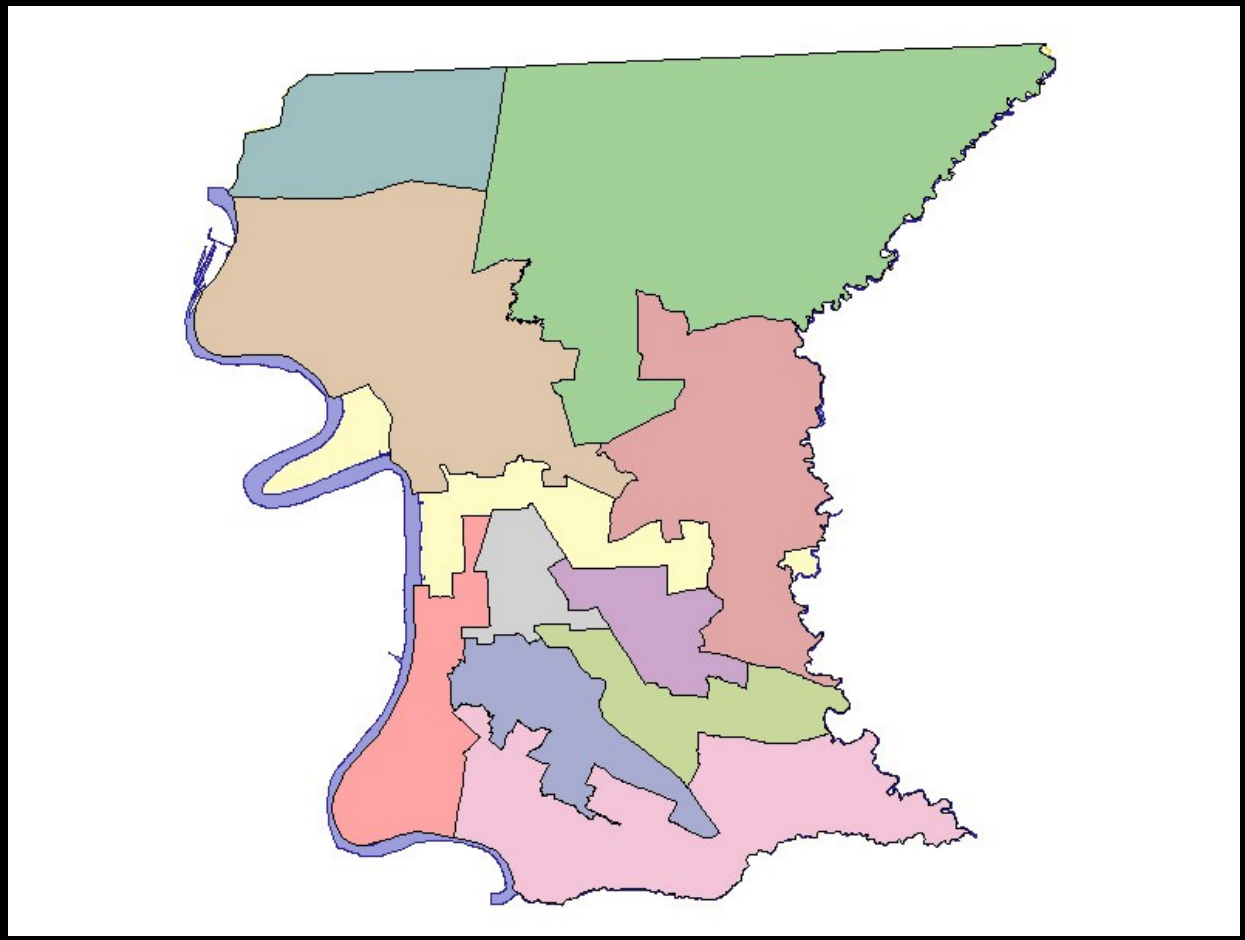
Metro Council Districts



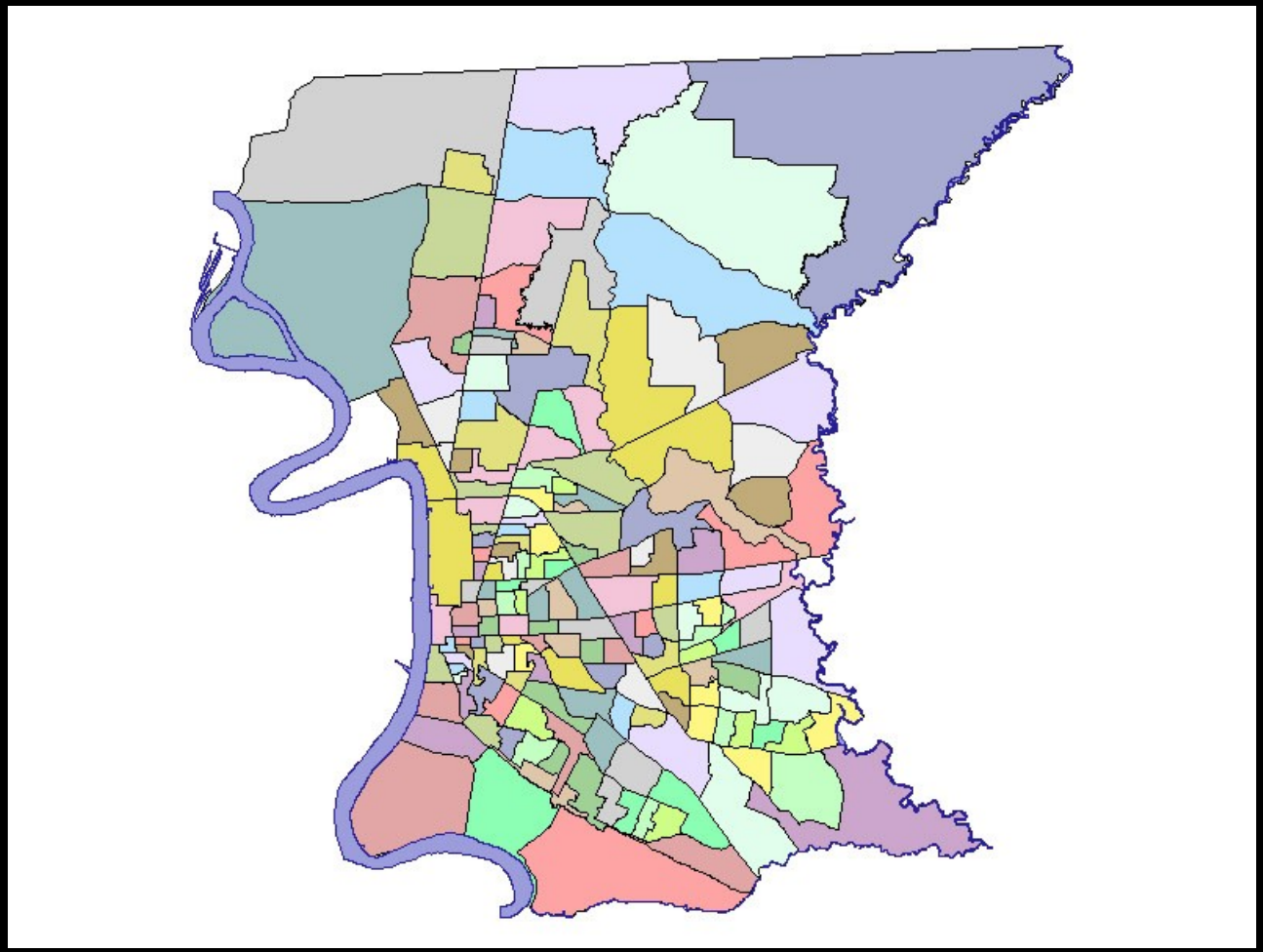
Senate Districts



House of Reps Districts



Voting Districts



Sewer Manholes/Lines

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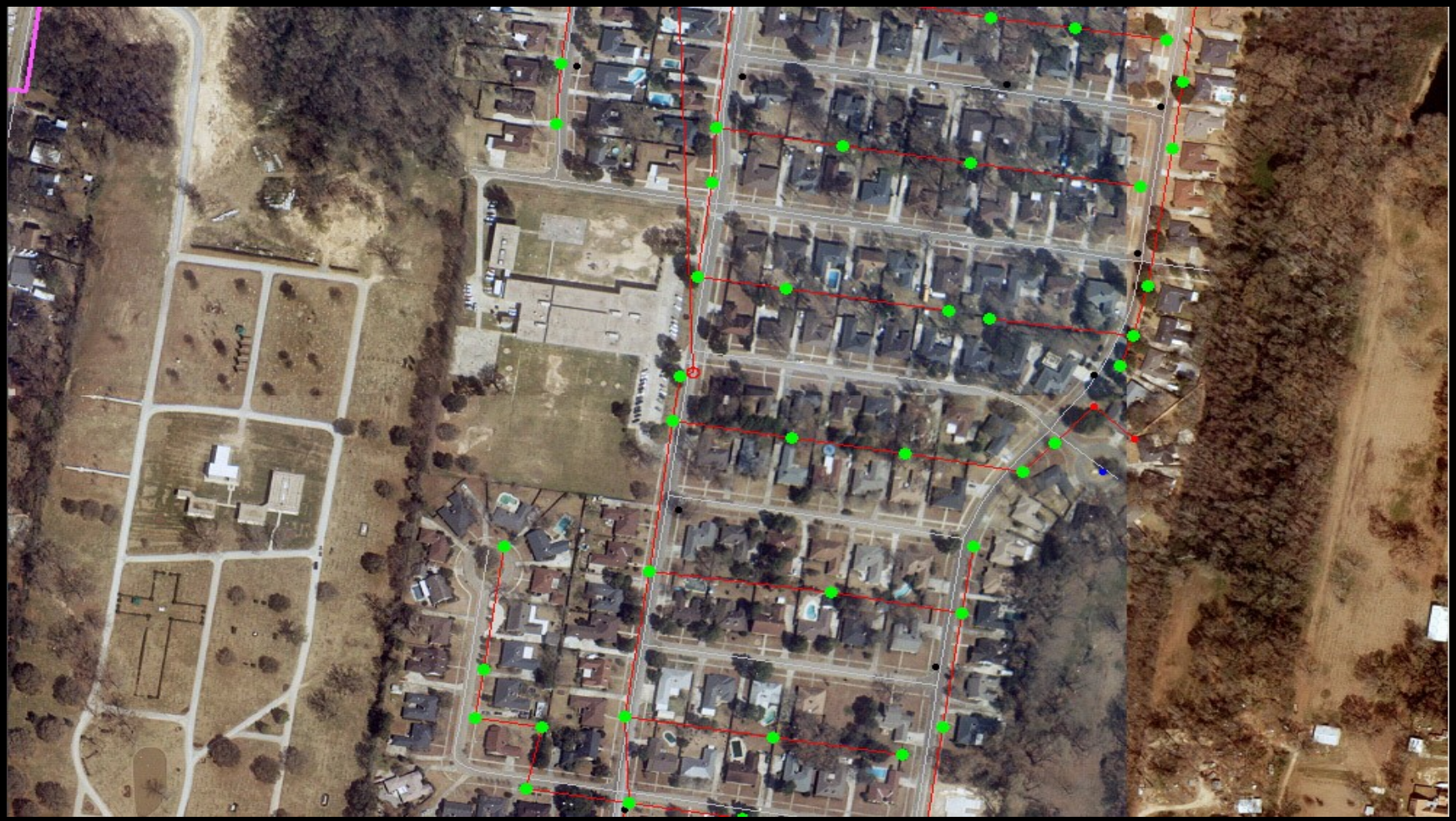
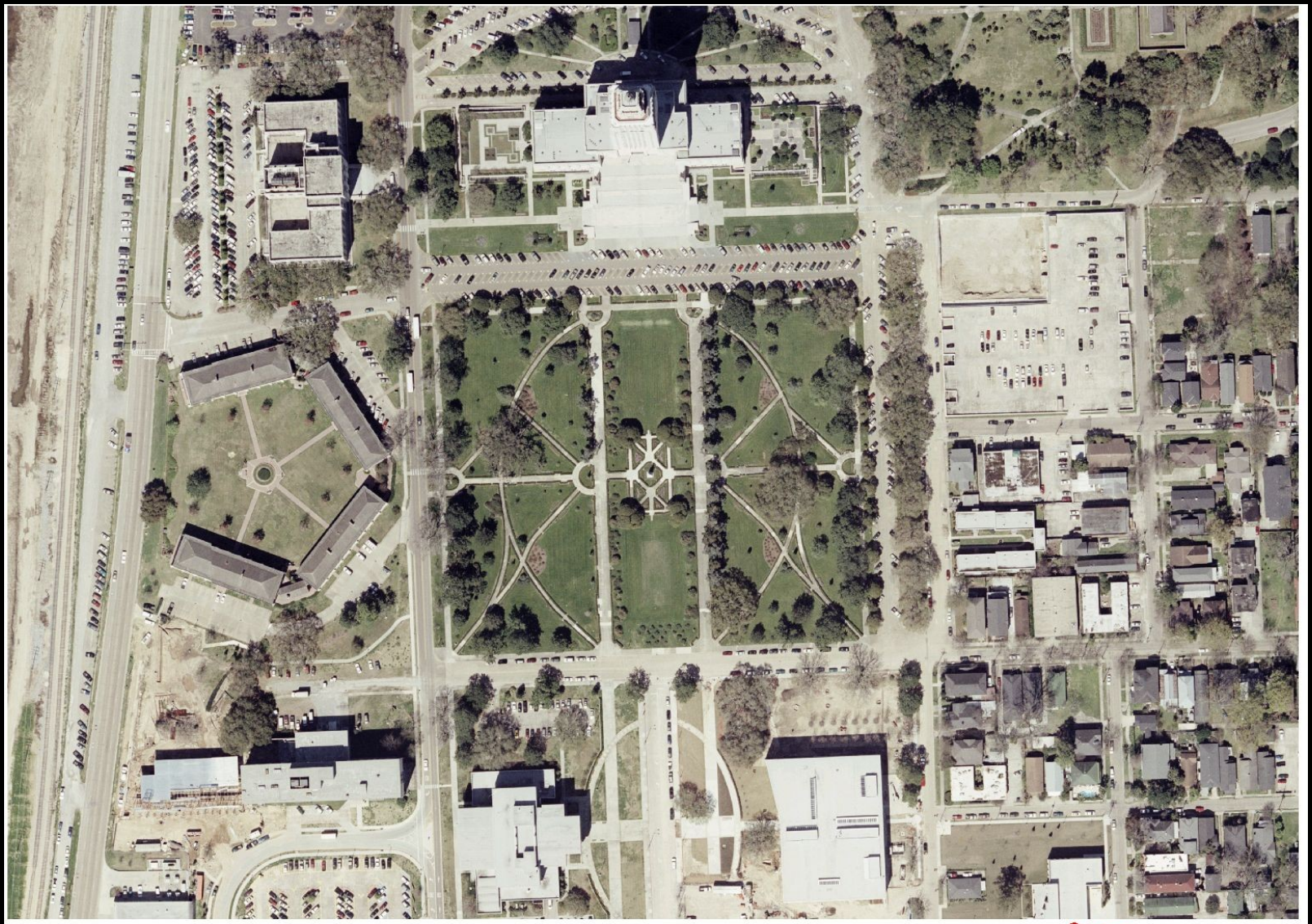


Aerial Photography

- Aero-Data Corp. of BR is performing work
- Photography captured on March 8, 2004
- Finished scanning all color photos late April
- All data processed in early May
- Currently performing quality checks
- Estimated to be completed Mid-June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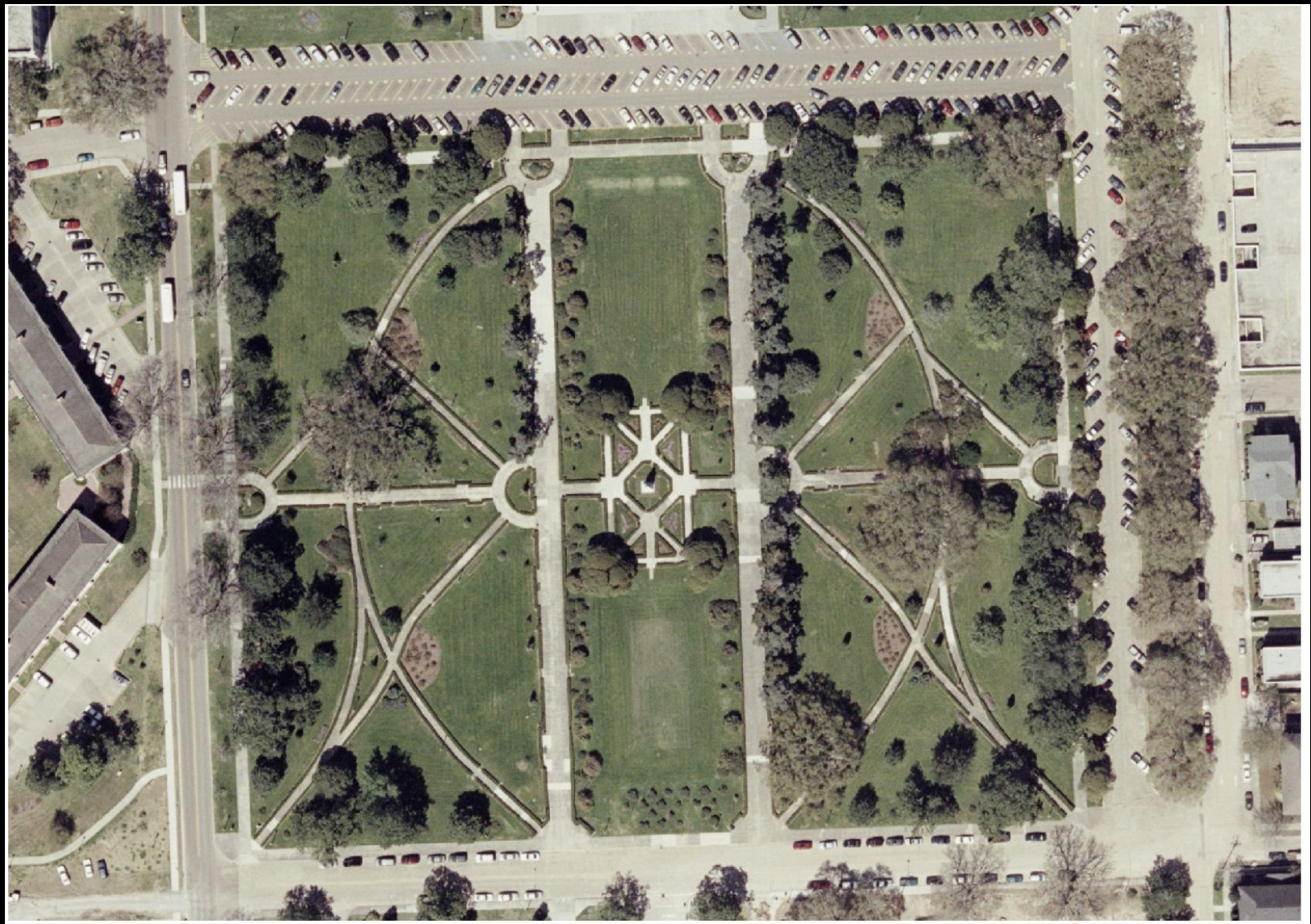
REMOTE SENSING CONSULTING SERVICES
AERIAL PHOTO ACQUISITION
INTERPRETATION and MAPPING
225.747.3723



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AERIAL PHOTO ACQUISITION
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Tiger Stadium
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Tiger Stadium

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Final Deliverables

- Aerial Photography will be provided in Mid-June 2004
  - New photography will then be available for Parish to update all GIS Layers (future Corps funds may be available to help update layers)
- Corps is scheduled to provide final report to EBR Parish by September 2004
  - All Layers & draft parcel layers will be provided on CD
- Final parcels are estimated to be complete in Mid 2005 pending 2004 tax rolls